AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of the Claims in the subject Patent Application:

Listing of Claims:

Claim 1 (Currently Amended): A method for controlling ON/OFF switching of an LED light source in a scanner, the scanner using a white light LED as the LED light source, comprising the steps of:

switching the white light LED on and off at least once during a predetermined reading cycle time interval while a complete sequence of optical signals of the reading cycle of the scanner is received by the scanner, wherein the scanner controls the frequency of reading optical signals and the ON/OFF of the white light LED through a time pulse.

Claims 2-3 (Canceled).

Claim 4 (Previously Presented): The method of claim 1, wherein the scanner reads red light optical signals when the white light LED is switched on.

Claim 5 (Previously Presented): The method of claim 1, wherein the scanner reads green light optical signals when the white light LED is switched on.

Claim 6 (Previously Presented): The method of claim 1, wherein the scanner reads blue light optical signals when the white light LED is switched on.

Claim 7 (Previously Presented): The method of claim 1, wherein the scanner reads a predetermined sequence of red, green, blue (R/G/B) optical signals of said reading cycle of the scanner when the white light LED is switched on.

Claim 8 (Original): The method of claim 1, wherein the scanner reads the optical signals through a charge-coupled device (CCD).

Claim 9 (Canceled).

Claim 10 (Currently Amended): The method of claim [[9]] 1, wherein the white

light LED is switched on to allow the scanner to receive the optical signals when the time

pulse is at a low potential.

Claim 11 (Currently Amended): The method of claim [[9]] 1, wherein the white

light LED is switched off to allow the scanner to stop receiving the optical signals when

the time pulse is at a high potential.

Claim 12 (Currently Amended): A method for controlling ON/OFF switching of

an LED light source in a scanner, comprising the steps of:

switching the LED light source ON and OFF multiple times while an

optical signal is received by the scanner, wherein the scanner reads a red light optical

signal when the LED light source is switched ON.

Claims 13-16 (Canceled).

Claim 17 (New): A method for controlling ON/OFF switching of an LED light source in a scanner, comprising the steps of:

switching the LED light source ON and OFF multiple times while an optical signal is received by the scanner, wherein the scanner reads a green light optical signal when the LED light source is switched ON.

Claim 18 (New): A method for controlling ON/OFF switching of an LED light source in a scanner, comprising the steps of:

switching the LED light source ON and OFF multiple times while an optical signal is received by the scanner, wherein the scanner reads a blue light optical signal when the LED light source is switched ON.